



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7772

SERIAL NUMBER 10/681,976	FILING DATE 03/22/2004  RULE	CLASS 166	GROUP ART UNIT 3676	ATTORNEY DOCKET NO. 2003-IP-009458U1
-----------------------------	---------------------------------------	--------------	------------------------	---

## APPLICANTS

Ronald J. Powell, Duncan, OK;

Robert Hauge, Houston, TX;

\*\* CONTINUING DATA \*\*\*\*\* NONE, B7

\*\* FOREIGN APPLICATIONS \*\*\*\*\* NONE, B7

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 01/30/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY OK	SHEETS DRAWING 3	TOTAL CLAIMS 46	INDEPENDENT CLAIMS 6
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	Verified and Acknowledged Examiner's Signature <i>[Signature]</i>	Initials <i>[Initials]</i>		

## ADDRESS

Robert A. Kent  
Halliburton Energy Services  
2600 S. 2nd Street  
Duncan, OK  
73536

TITLE  
Controlling chlorite or hypochlorite break rate of well treatment fluids using magnesium or calcium ions

FILING FEE  RECEIVED 2470	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---